What is claimed is:

1. A load measuring mechanism comprising a load converting unit formed by a Roberval mechanism having a substrate portion and a load receiving portion coupled with the substrate portion by means of flexures, and a positional deviation error adjusting unit provided on a side of said load converting unit for adjusting the positional deviation error by applying a deviation force to a neighborhood of a flexure to adjust a height of the flexure.

2. The load measuring mechanism according to claim 1, wherein said positional deviation error adjusting portion includes a base portion, a first lever and a second lever, said first lever is coupled with said base portion by means of a fulcrum, a first end of the first lever is coupled with a first end of the second lever by means of a flexible portion, said positional deviation error adjusting portion further includes an adjusting means for displacing a second end of the first lever opposite to said first end coupled with the flexible portion with respect to the base portion, said base portion is secured to said substrate portion, and a second end of the second lever opposite to said first end coupled with the flexible portion is secured to a neighborhood of said flexure.

3. The load measuring mechanism according to claim 1, wherein said load converting unit is formed by cutting a single metal block.

4. The load measuring mechanism according to claim

1, wherein said positional deviation error adjusting portion is formed by cutting a single metal block.

5. The load measuring mechanism according to claim 1, wherein said load converting unit and said positional deviation error adjusting portion are formed by cutting a single metal block.

6. The load measuring mechanism according to claim 1, wherein said adjusting means includes a bolt for adjusting a distance between said base portion and said first lever.

7. The load measuring apparatus according to claim 6, wherein said bolt is formed by a differential bolt.

8. The load measuring mechanism according to claim 1, wherein a pair of said positional deviation error adjusting portions are arranged on both sides of the load converting unit.